

## **METHOD FOR STATISTICAL REGRESSION USING ENSEMBLES OF CLASSIFICATION SOLUTIONS**

### **ABSTRACT OF THE DISCLOSURE**

5       A pattern recognition method induces ensembles of decision rules  
from data regression problems. Instead of direct prediction of a continuous  
output variable, the method discretizes the variable by k-means clustering and  
solves the resultant classification problem. Predictions on new examples are  
made by averaging the mean values of classes with votes that are close in  
number to the most likely class.

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